

Fedorov, Yu. V.

WILD BIRDS: HOSTS OF TICK LARVAE AND NYMPHS IN THE TOMSK FOCUS OF TICK-BORNE ENCEPHALITIS. [1951] 10p.
Order from OTS or SLA \$1.10

61-18646

Trans. [Nauchno-Issledovatel'skiy Institut Vektorov i Syvorotok, Tomsk, Trudy] (USSR) 1956, v. 8, p. 125-132.

DESCRIPTORS: *Birds, Parasites, *Ticks, *Encephalitis viruses, Transmision, Sources, USSR

In the natural conditions of the Tomsk focus the following birds may act as carriers of various stages in the metamorphosis of the wood tick: tree pipit, Siberian chickadee, fieldfare, thrush, great spotted woodpecker, finch, yellowhammer, whitecapped bunting, common bullfinch, European bullfinch, northern wood warbler, (Biological Sciences--Microbiology, TT, v. t, no. 10)
(over)

61-18646

I. Fedorov, Yu. V.

1871
Office of Technical Services

TT-64-15695

Fedorov, Yu. V.
ROLE OF BIRD FAUNA IN NATURAL FOCI OF TICK-BORNE ENCEPHALITIS [Rol' Ornithofauna v Prirodooboi Ochagovosti Kleschchevogo Encefalita]. 7p NAMRU Trans. 92(T92).
Order from OTS, SLA, or ETC \$1.10 TT-64-15695

Trans. of Nauch[nol-issledowane] skil lopatinu
Vakse[in i Syver [text] Tomek. Trudy [USSR] 1958,
v. 9, p. 27-32.
Other translations are available from LC or SLA
m\$1.80, pb\$1.80 as TT-59-19683, 24 Sep 59, 10p and
from OTS or SLA \$1.10 as TT-61-18644, 7p.

I. Fedorov, Yu. V.
II. NAMRU Trans-92
III. Naval Medical
Research Unit No. 3,
Cairo (Egypt)

(Biological Sciences--Microbiology. TT, v. 12, no. 4)

Office of Technical Services

Effect of Various Methods of Dysentery Antigen
Injection on the Cellular Reactivity of the Ani-
mal Organism, by S. I. Ginzburg-Kalinina,
Ye. F. Vakarina, 18 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
skiy Institut Vaktsin i Svyorotok. Voprosy
Immuniteata i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 3-19.
AIR/FTD/HT-23-813-67

Sci-B and H
Nov 68

368,174

Effect of the Age Factor on Antigen Absorption
and Antibody Production in Rabbits, by
S. I. Ginzburg-Malinina, Ye. F. Vakarina, 11 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel's-
kiy Institut Vaktsin i Svyorotok, Voprosy
Imuniteta i Proizvodstva Bakteriynkh Preparatov,
No 17, 1961, pp 20-26.
AIR/FTD/HT-23-813-67

Sci-B and ..
Nov 68

368,175

The Protective Properties of the Organ Tissues
and Blood Serum of Vaccinated Animals, by
L. Ye. Khazanova, 12 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
skiy Institut Vaktsin i Svyerotok, Voprosy
Immuniteti i Proizvodstva Bakteriynikh Preparatov,
No 17, 1961, pp 27-37.
AIR/FTD/HT-23-813-67

Sci-B and H
Nov 68

368.176

The Effect of Adrenalectomy on the Development
of Inoculatory Immunity in Infection in White
Rats, by V. M. Ivanov, 10 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
skiy Institut Vaktsin i Syvorotok, Voprosy
Immuniteata i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 38-43.
AIR/FTD/HT-23-813-6?

Sci-B and L
Nov 68

368,177

Immunological, Morphological and Histochemical Reactions of Rabbit Organs to Polyvaccine Injection, by S. I. Ginzburg-Kalinina, Ye. F. Vakarina, 17 pp.

RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'skiy Institut Vaktsin i Svyorotok. Voprosy Immuniteata i Proizvodstva Bakteriynykh Preparatov. No 17, 1961, pp 44-55.
AIR/FTD/ift-23-813-67

Sci-B and N
Nov 68

368,178

Morphological Changes in Rabbit Organ Tissues
After Injection of Adsorbed and Nonadsorbed
Polyvaccine Antigens, by V. N. Kartasheva,
Ye. F. Vakarina, 15 pp.

RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Svyvorotok, Voprosy
Immuniteata i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 56-65.
AIR/FTD/HT-23-813-67

Sci-B and K
Nov 68

368,179

Localization of Pertussoid Antigen and Antibodies
in the Animal Organism, by R. E. Zelikova, 8 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'-
skiy Institut Vaktsin i Syyorotok. Voprosy
Immuniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 66-71.
AIR/FTD/RM-23-813-67

Sci-B and A
Nov 68

368,180

The Localization and Retention of Antibodies
in the Animal Organism After Injection of Per-
tussis Gamma-Globulin, by R. E. Zalikova, 7 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel's-
skiy Institut Vaktsin i Svyorotok. Voprosy
Immuniteata i Proizvodstva Bakteriynykh Preparatov.
No 17, 1961, pp 72-76.
AIR/FTD/HT-23-813-67

X
Sci-B and I.
Nov 68

368,181

An Experimental Study of the Effect of Number of
Vaccinations of Polyvaccine and E. Coli Vi-Antigen
on the Development of Immune Properties, by
A. I. Gorokhovnikova, 7 pp.

RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
skiy Institut Vaktsin i Svyorotok, Voprosy Immuniteta
i Proizvodstva Bakteriynykh Preparatov, No 17,
1961, pp 83-90.

AIR/FTD/MT-23-813-67

Sci-B and II
Nov 68

368,182

A Study of the Effect of Bacterial Antigen on the
Development of Immunity Against Infection Caused
by Cl. Perfrigens, by N. G. Chernikova,
T. G. Semykina, 12 pp.
RUSSIAN, per, Trudy. Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Vyvorotok, Voprosy
Immuniteata i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 91-98.
AIP/FTD/MT-23-813-67

Sci-B and I.
Nov 63

368.183

The Mechanism of Action of Dry Antirabic Gamma-Globulin in the Treatment of Wounds Infected With Street Rabies Virus, by G. D. Kobrinakiy,
9 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'skiy Institut Vaktsin i Svyzorotok. Voprosy Immuniteata i Proizvodstva Bakteriynykh Preparatov.
No 17, 1961, pp 99-104.
AIR/FTD/HT-23-813-67

Sci-B and M
Nov 68

368,184

A Study of the Complete Antigens of Typhoid
Bacilli by Diffusion Precipitation in Agar, by
N. B. Izmaylova, 11 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
skiy Institut Vaktsin i Svyvorotok, Voprosy
Immuniteti i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 105-111.
AIR/FTD/HT-23-813-67

Sci-B and M
Nov 68

368,185

A Study of the Antigenic Fraction of the Pertussis Bacillus and Its Role in the Development of Anti-Pertussis Immunity (Report 1), by A. I. Belkina, Ye. A. Petrosayan, 14 pp.

RUSSIAN, per, Trudy, Moscow. Nauchno-Issledovatel'skiy institut Vaktsin i Svyorotok. Voprosy Imuniteta i Proizvodstva Bakteriynykh Preparatov.
No 17, 1961, pp 112-122.

AIR/FTD/MT-23-813-67

Sci-B and M
Nov 68

368,186

The Production of Adsorbed Pertussis and Pertussis-Diphtheria Vaccines and a Study of Their Principal Properties in Animals and in a Limited Epidemiological Experiment, by A. I. Belkina,
Ye. A. Petrosyan, 10 pp.

RUSSIAN, per, Izdat. Moscow, Nauchno-Issledovatel'skiy Institut Vakcine i Svyvorotok. Voprosy Immuniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 123-129.

AIR/FTD/HT-23-813-67

Sci-B and M
Nov 68

368,187

The Production and Study of Active Fractions of
Diphtheria Anatoxin, by A. K. Vargina, 8 pp.
RUSSIAN, per. Trudy. Moscow. Nauchno-Issledovatel'-
skiy Institut Vaktsin i Syvorotok, Voprosy Im-
Muniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 130-136.
AIR/FTD/HT-23-813-67

Sci-B and L
Nov 68

368,188

A Study of the Properties of Complete Antigens
(obtained From Flexner Types c and f Dysentery
Bacilli Containing Thermolabile Antigen -
(Report 2), by M. I. Ignatova, L. K. Kas'yanova,
13 pp.

RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Svyorotok, Voprosy Imuniteta i Poisvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 137-145.
AIR/FTD/HF-23-813-67

Sci-B and N
Nov 68

368,189

A Study of the Properties of Complete Antigens
Obtained by Different Methods for Increasing the
Quality of the Flexner Dysentery Component, by
N. I. Ignatova, 12 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'skiy Institut Vaktsin i Svyorotok. Voprosy Imuniteta i Poizvodstva Bakteriynykh Preparatov.
No 17, 1961, pp 146-153.
AIR/FID/HF-23-813-67

Sci-B and M
Nov 68

368,190

A Study of the Principal Properties of Diphtheria Diagnosticums in Relation to Their Storage Time,
Report I, by N. A. Kravchenko, V. B. Sadykova,
17 pp.

RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'skiy Institut Vaktsin i Syvorotok. Voprosy Imuniteta i Poizvodstva Bakteriynykh Preparatov.
No 17, 1961, pp 154-162.

ALR/PTD/HF-23-813-67

Sci-B and
Nov 62

368.191

An Investigation of Methods of Improving Diphtheria Diagnosticum, (Report 2), by
N. A. Kravchenko, V. B. Sadykova, 16 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel's-
siy Institut Vaktsin i Svyorotok, Voprosy Im-
munitsta i Podgodystva Bakteriynykh Preparatov,
No 17, 1961, pp 163-173.
AIR/FTD/HT-23-813-67

Sci-B and I.
Nov 68

368,192

The Production of Adsorbed Agglutinating Salmonella O-Sera, by G. L. Rodionova, 7 pp.

RUSSIAN, per, Trudy. Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Svyvorotok, Voprosy Immuniteta i Poizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 174-179.
AIR/PTD/RT-23-813-67

Sci-B and R
Nov 68

368,193

The Method of Ultrathin Sections, by V. A. Zuyev,
6 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
skiy Institut Vaktsin i Syvorotok, Voprosy Im-
muniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 180-183.
AIR/FTD/T-23-813-67

Sci-B and
Nov 68

368,194

The Use of Blood Count Pipettes in the Opsono-phagocytic Reaction, by V. M. Ivanov, 5 pp.
RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Syvorotok, Voprosy Immuniteata i Proizvodstva Bakteriynykh Preparatov, No 17, 1961, pp 184-186.
AIR/FTD/HT-23-813-67

Sci-B and M
Nov 68

368,195

The Efficient Use of Horses Which Produce Anti-tetanus Serum, by G. M. McMaylova, M. T. Nikitina, 10 pp.

RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Svyvorotok, Voprosy Immuniteta i Prilivodstva Bakteriynykh Preparatov, No 17, 1961, pp 187-192.

AIR/FTD/HT-23-813-67

Sci-B and K
Nov 68

368,196

A Study of the Lipid Content of the Placental
Blood Serum During the Production of Gamma-
Globulin, by V. A. Dubova. 7 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel-
skiy Institut Vaktsin i Svyorotok. Voprosy Im-
muniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 193-197.
AIR/FTD-HT-23-813-67

Sci/B&M
Nov 68

368,197

Changes in the Therapeutic Activity and Avidity
of Antidiphtheria Sera as a Result of Purification
and Concentration by the Diapherm-3 Method, by
V. B. Freyman. 3 pp.

RUSSIAN, per, Trudy, Moscow, Nauchno-Issledovatel'-
sky Institut Vaktsin i Syvorotok, Voprosy Im-
muniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 198-200.
AIR/FTD/HT-23-813-67

Sci-B and R
Nov 68

368,198

The Avidity and Therapeutic Activity of Native
Antidiphtheria and Antitetanus Sera, by
V. B. Freyman, 8 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'-
skiy Institut Vaktsin i Svyorotok. Voprosy Im-
muniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 201-206.
AIR/PTD/AT-23-813-67

Sci-B and R
Nov 68

368,199

A Multicolor Semiautomatic Printing Machine
for Reproducing Pictures on Ampules and Flasks
Containing Medical and Microbiological Prepar-
ations. (Report 2), by B. V. Sizov.
V. A. Nikitin, 6 pp.
RUSSIAN, per, Trudy. Moscow. Nauchno-Issledovatel'-
skiy Institut Vaktsin i Syvorotok. Voprosy Im-
muniteta i Proizvodstva Bakteriynykh Preparatov,
No 17, 1961, pp 214-218.
AIR/FTD/HT-23-813-67

Sci-Mat
Nov 68

368,201

An Apparatus for Obtaining Plasma and Studying
Its Properties, by A. Ye Sheyndlin, E. I. Asinovskiy,
9 pp.

RUSSIAN, ~~KK~~per, Nauchno-Issledovatsl'skiy
Inst Vysokikh Temperatur, Moscow, 1963, pp 1-5.
9695252

FTD-TT-64-812

Sci - Phys
Nov 64

269,438

Contribution Towards the Biology of Promachus
Leontochilaenus Loew Diptera-Asilidae, by P. A.
Ler.

RUSSIAN, per, Tr Nauch - Issled Inst Zashchity
Rastienii', No 4, 1958, pp 24-210
SACSIR/Ref; no 404

Sci -
Jul 67

334,490

Larvae of the Subfamily Pimeliinae
(Coleoptera, Tenebrionidae), by N. G.
Skopin, 19p.
RUSSIAN, per, Trudy Nauchno-Issledovatel'skii
Institut Zashchity Rastenij (Akad. AkN),
Vol 7, 1962, pp 191-196, 201, 204-206.
CSIR-tr.322

333, 651

Sci
Jul 67

Secular Geomagnetic Variations in the USSR and the
Inner Structure of the Earth, by Yu. D. Kalinin, 61 pp.

Full tr

RUSSIAN, per, Trudy Nauchno-Issledovatel Inst Zemnogo
Magnetizma, Ser 6, No 6, 1948, pp 3-47.

ATIC F-TS-8973/v

Sci - Geophysics
Dec 1956 CTB/dex

41, 859

Two Years of Observation of Telluric Currents
at Irkutsk, by V. V. Novysh, 18 pp.

FOR OFFICIAL USE ONLY

RUSSIAN, per, Trudy Nauch Issled Inst Zemnogo
Magneta, No 5, Vol XV, 1950. 9698257

FSTC 381-T65-377

I-7646

ID 2204028965

Sci - Elec

Nov 65

35-2
291,342-

The Earth's Magnetic Field and the Figure of Geoid,
by V. I. Pochtanov, 79 pp.

RUSSIAN, per, Tsentr Nauchno-Issl Inst Zemnogo Magnitizma, No 5, 1950, pp 2-51. CIA 600.3 x3

ATIC F-TS-10008/V

Sci - Geophysics
May 1957 CTS
Mar

45, 059

Magnetic Disturbances of the "Sudden Onset" Type at
Tashkent, by S. M. Kozik, 19 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst Zemnogo
Magnetizma, No 5, 1950, pp 91-104.

ATIC F-TS-10008/V

Sci - Geophysics
Mar 1957 CIS

45,060

The Annual Variation of Terrestrial Magnetism, by
V. I. Afanasyeva, 3 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel Zemnogo
Magnitizma, No 5, 1970, pp 105, 106.

ATIC F-TS-10008/V

Sci - Geophysics
Mar 1957 CIS

45, 061

Some Questions in the Theory of Interpretation of
Magnetic Anomalies, by I. M. Pudovkin, 8 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst
Zemnogo Magnitizma, No 7 (17), 1952, pp 3-7.

ATIC F-TS-10009/V

Sci - Geophysics
Nov 56 CPS

46, 478

The Influence of Gravity on the Readings of Magnetic Scales, by V. I. Pochtarev, 5 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst Zemnogo Magnetizma, No 7 (17), 1952, pp 22-24.

ATIC F-TS-10009/v

Sci - Geophysics
Nov 56 CIS

46,455

World Chart of Magnetic Meridians for Epoch 1950, by
V. P. Orlov, 4 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel Inst Zemnogo
Magnitizma, No 8 (18), 1952, pp 3-4.

ATIC F-TS-10010/V

Sci - Geophysics
Mar 1957 CTS

45, 158

Some Questions on the Secular Variations of Terrestrial Magnetism, by Yu. D. Kalinin, 12 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst Zemnogo Magnetizma, No 8 (18), 1952, pp 5-12.

ATIC F-TS-10010/V

Sci - Geophysics
Mar 1957 CTS

43-018

Method of Mapping the Secular Variations of the Intensity Vector (Total Intensity of the Earth's Magnetic Field) and Its Horizontal Component, by V. P. Orlov, 5 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel Inst Zemnogo Magnetizma, No 8, (18), 1952, pp 12-15.

ATIC F-TS-10010/V

Sci - Geophysics
Mar 1957 CIS

45,017

The Variability of the Secular Magnetic Variations of
the Earth's Magnetic Field, by B. M. Lyakov, 4 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst
Zemnogo Magnitizma, No 8, (18), 1952, pp 15-18.

CIA 600323

ATIC F-TS-100/10/V

Sci - Geophysics
Mar 1957 CTS

45-016

Determination of the Electrical Conductivity of the Earth, From Observations of the Variation of the Earth Magnetic Field in a Limited Area, by Yu. D. Kalinin, 16 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst. Zemnogo Magnetizma, No 8, (18), 1952, pp 18-27.

ATIC F-T8-10010/V

Sci - Geophysics
Mar 1957 CTS

45,057

Magnetic Activity from 1948 to 1950, by N. P. Benkova,
M. G. Borisova, 11 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst Zemnogo
Magnitizma, No 8, (18), 1952, pp 29-37.

ATIC F-TS-10010/V

Sci - Geophysics
Mar/CTS 1957

45,056

Distribution of Magnetic Activity During Magnetic
Storms, by V. I. Afanasyev, 4 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Insti^{ta}tu
Zemnogo Magnetizma, No 8 ~~19~~ (18), 1952, pp 37-38.

ATIC F-TS-10010/V

Sci - Geophysics
Mar 1957 CTS

45-055

Some Data on the Effect of the Cycle of Solar Activity on Variations of Cosmic Rays, by Ye. S. Glikova, 21 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst Zemnogo Magnitizma, No 8 (17), 1952, pp 59-70.

ATIC F-TS-10010/V

Sci - Geophysic
Mar 1957 CIS

45, 054

Magnetic Storms and Systems of Electrical Currents,
by N. P. Ben'kova, 262 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel Inst Zemnoj
Magnetizma, No 10 (20), 1953, pp 1-157. CIA 606

ATIC F-TS-8974/v

Sci - Geophysics

Apr 1958

61, 705

World Magnetic Maps Epoch 1955, by L. I. Altshuler, B. D. Vints, K. A. Mal'tseva, Z. S. Chugungan, A. P. Shlyakhtina, 16 pp.

RUSSIAN, per, Trudy Nauchno Issledo Inst Zemnogo Magnetizma, No 11(21), 1955, pp 229-236.

ATIC F-TS-10096/v

Sci - Geophysics

46, 450

Influence of Instrumental Effects on the Measurement
of Magnetic Fields of the Sun by Means of a Modulation
Spectrophotometer, by A. Ye. Veller, 21 pp.

RUSSIAN, 2

RUSSIAN, per, Trudy Nauch-Issled Inst Zemogo Magnet,
No 11 (21), 1957, pp 162-173. 9660809

ATTIC MCL-486/III

Sci - Phys

Apr 61

147,892

40103

The Theory of Electromagnetic Induction Within
Leads Having Inhomogeneous Conductivity, and Its
Application to the Calculation of Electric
Conductivity Within the Earth, by V. N. Bobrov.

SUBSIAN, per, Trudy Nauch-Teknol Inst Zemni Magnetizm
Sveta Ikonofazy i Elektrostr Radio, No 15(25), 1959,
pp 3-28.

4710 TT 61-291

Sci - Phys
20 Nov 61

Electromagnetic Induction Within a Thin Spherical Shell With Inhomogeneous Conductivity, and Its Application to the Calculation of Electric Conductivity Within the Earth, by N. V. Bobrov.

RUSSIAN, per, Trudy Nauch Issled Inst Zemnogo M
Magnetizima Ionosfery i Rasprostrneniya Radio,
No 15(25), 1959, pp 29-56.

*FTD-TT-61-309/1

Sci - Phys

24 Nov 63

Analysis of the Shape of Atmospherics,
by S. V. Porodina.

RUSSIAN, per, Trudy Nauchno Issledovatel
Inst Zemnogo Magnitizma, Ionosfery i
Rasprostraneniya Radio, No 17 (27), 1960,
pp 3-26.

AFCRL 571

Sci - Geophys

175, 890

22 Nov 61

Ginzburg, M. A.
DOUBLE ELECTRICAL LAYER ON THE SURFACE
OF A SATELLITE, tr. by Astrid Werner. Nov 62
[7]p. 11 refs.
Order from ARS in its journal, v. 32, no. 11, \$3.00

Trans. of [Nauchno-Issledovatel'skiy Institut Zemnogo
Magnetizma, Ionosfery i Rasprostraneniya Radiowoln].
Trudy (USSR) 1960, v. 17(27) p. 187-202.

DESCRIPTORS: *Electrical double layer, *Satellite
vehicles, Surface properties, Satellite vehicle research,
Magnetic fields, Ionosphere, Ions, Density, Electric
fields, Drift, Thermodynamics, Statistical functions,
Differential equations, Electric potential.

(Engineering--Satellite Vehicles, TT, v. 9, no. 1)

63-12212

I. Ginzburg, M. A.
II. American Rocket Society,
New York

Office of Technical Services

Lunar Tidal Fluctuations In the Ionosphere,
By V. A. Zagulinov, 5 pp.

RUSSIAN, per, Prudy Nauch Issled Inst
Zemnogo Magnitizma, Ionosfery i Raskrostraniya
Radiovoln, Ak Nauk SSSR, No 17 (27), 1960,
pp 282-286.

MDF Z-136
9093247

Sci

173, 955

Data for Testing Perennial Fodder Crops on
Sanzarskoy Experimental Base for Sheepbreeding
in 1960, by V. A. Rozov.

RUSSIAN, per, Trudy Nauchno-Issled Inst Zhivot
Ministerstvo Sel'skogo Khoz UzSSR, 1962,

pp 3-11.

*CFSI TT 69-53053

Sci-Agri
Oct 69

Preliminary Data for Testing Annual Fodder Plants
in Sanzarskoy Collective Nursery, by

V. A. Rozov.

RUSSIAN, per, Trudy Nauchno-Issled Inst Zhivot
Ministerstvo Sel'skogo Khoz UkrSSR, 1962,

pp 13-17.

*CFSTI TT 69-53053

Sci-Agri
Oct 69

Maintenance of Microelements - Cobalt, Copper,
Iodine, Manganese and Iron - in Certain Fodder
Areas of Uzbekistan, by P. Sh. Uzilevskaya.

RUSSIAN, per, Trudy Nauchno-Issled Inst Zhivot
Ministerstvo Sel'skogo Khoz UzSSR, 1963,
pp 27-31.

*CFSTI TT 69-53053

Sci-Agri
Oct 69

Study of Fodder Crops, by A. I. Granitov.
RUSSIAN, per, Trudy Nauchno-Issled Inst Zhivot
Ministerstvo Sel'skaya Khoz UzSSR, 1962,
pp 159-230.
*CFSTI TT 69-53053

Sci-Agri
Oct 69

Tundra Shrubs and Their Utilization in Reindeer
Raising, by T. V. Vakhtina.
RUSSIAN, per, Trudy Nauchno-issledovatel'skogo
khozyaistva Krainego Severa, Vol 11, 1963,
pp 51-56.
CFSTI TT 67-51233

Sci/Agri
May 68

356,661

The Present State of the Problem of Photographic
Sensitivity (Communication 94), by K. V. Chibisov,
A. A. Titor, 30 pp.

Neuchâtel Kino Foto S.A.
SACIAE, per, Trudy NIKFI (Transactions of Kino-Foto
Scientific-Research Institute USSR), Vol VIII, 1947,
pp 5-19.

CIA/FDD/X-1077

Chemistry
Scientific - ~~Medicina~~ CIS/DEX

5572

Methods of Microchemical Analysis of the Solid Phase of Photographic Emulsions (Communication 97), by A. A. Mikhaylov, K. V. Chibisov, 41 pp.

RUSSIAN, per, Trudy NIKFI (Transactions of Photo-Foto Scientific Research Institute USSR), Vol VIII, 1947, pp 54-74.

CIA/RDP/X-1078

Scientific - Medicine CPS/DEX

3375

Topochemical Transformations During Ripening
and Finishing of Photographic Emulsions, by
K. V. Chibisov, A. A. Mil'kaylova, 37 pp.

RUSSIAN, per, Trudy NIKFI (Trans of the Kino-Foto
Scientific Research Inst USSR), No 8, 1947,
pp 75-94.

CIA/FDD/X-1379

PHYSICS

Scientific - Chemistry 19 166

Finishing Silver and the Formation of Fog, by
K. V. Chibisov, A. A. Titov, 15 pp.

o Nachdruck Kino-foto Inst.

RUSSIAN, per Trudy NIKFI (Trans of the Kino-Foto
Scientific Research Inst USSR), No 8, 1947,
pp 95-104.

CIA/FDD/X-1378

PHYSICS

Scientific - Geophysics
CIS/DEX

13, 036

Effect of the Topography of Sensitivity Centers Upon
the Photographic Properties of an Emulsion, by
K. V. Chibisov, A. A. Titov, A. A. Mikhaylova,
17 pp.

RUSSIAN, per. Trudy NIKFI (Trans Kino-Photo Scientific
Research Inst USSR), No 8, 1947, pp 105-114.

CIA/FDD/X-1373

Scientific - Physics
CTS/DEX

13,035

New Data on the Nature of Photographic Sensitivity,
by K. V. Chibisov, A. A. Titov, 20 pp.

RUSSIAN, per Trudy NIKFI (Trans Kino-Photo
Scientific Research Inst USSR), No 8, 1947 ,
pp 115-~~12~~ 125.

CIA/PDD/X-1374

13,037

Scientific - Physics
CTS/DEX

Rotating Wedge Used for the Optical Compensation of
the Continuous ~~horizontal~~ Movement of the Film,
(Communication 121), by N. A. Valyus, 4 pp.
UNCLASSIFIED.

RUSSIAN, per, Trudy NIKPI, No 10, 1947, pp 77, 78.

CIA/FDD/X-1422

Scientific - Physics

17,748

New Principle of Frameless Motion-Picture Reproduction,
(Communication 125), by N. A. Valyus, 5 pp. UNCLASSIFIED

RUSSIAN, per, Trudy NIKFI, No 10, 1947, pp 105-109,

CIA/FDD/X-1421

Scientific - Physics

17.747

Swelling Properties of Ilford G-5 and Mikfi R-Type Plates, by V. M. Uvarova, N. V. Anosova, 7 pp.

RUSSIAN, per, Trudy Meshch-Issled Kinofoto Inst,
No 11, 1957, pp 43-48.

CIA/FDD XX-967 1

Sci - Chemistry
Mar 61
USIB ONLY

NOT RELEASABLE TO
FOREIGN NATIONALS
NLL M.2766

141,274

Application of Nuclear Emulsions in Electron Microscopy, by K. S. Bogomolov, S. B. Stefanov, 5 pp.

RUSSIAN, per, Trudy Nauch Issled Kino Foto Inst, Vol XXXIII, 1962, pp 68-72.

CIA/FDD XX-1548
NO FOREIGN DISSEM

Sci - Elec
May 64
USIB Internal Use Only

259,052

Sedimentation of Photographic Emulsions Using
Inclined Plates, by V. L. Zelikman, V. A. Dmitriyeva,
E. B. Kondrat'yeva, 5 pp.

RUSSIAN, per, Trudy NIKFI, No 35, 1961, pp 54-59.

CIA/FDD XX-1092

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Jan 62

178, 516

USIB INTERNAL USE ONLY

CONFIDENTIAL INFORMATION OF U.S. INTELLIGENCE SOURCE,
by V. L. Shulman, V. A. Dmitrieva, 3 pp.

RECORDED FROM Trudy NIKEL, No 35, 1960, pg 60-63.

CIA/PED KA-1126
ALL INFORMATION TO FOREIGN NATIONALS

TOP

MAR 62

183,392

RESTRICTED INTERNAL USE ONLY

Use of a Limiting Blade in Applying Emulsion Layers, by
B. V. Daryagin, S. M. Levi, 5 pp.

RUSSIAN, per, Trudy NIKFI, No 35, 1960, p. 64-69.

CIA/PDD XX-1177
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

198, 450

May 62

USIB INTERNAL USE ONLY

On Certain Merocyanine-Carbocyanine Derivatives of
Imidazolin-4-One, by B. G. Liorber, E. P. Shchelkina,
M. V. Deichmeister, 14 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 5-16.

CIA/FUD XX-1117
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

18.5, 9.53

Mar 62

USIB INTERNAL USE ONLY

The Synthesis and Investigation of the Derivatives
of Indazolone as a Color Component. I. On the
Properties of Induzolones With a Substituent in the
Benzene Ring, by B. D. Chernokal'skiy, A. T.
Groisberg, Ya. A. Levin, 9 pp.

RUSSIAN, par., Trudy NIKFI, Vol XXXVII, 1960,
pp 39-44.

CIA/FDD XX-1091
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

178,515

Jan 62

USIB INTERNAL USE ONLY

The Limiting Slope of the Isopaque of a
Photographic Layer, by P. V. Meiklyar.

RUSSIAN, per, Tr Nauch Issled Kino-
Foto Inst, No 37, 1960, pp 45-49.

CIA/PDD XX-1353
No Foreign Dissem

Sci-Phys
Mar 63
USIB Internal Use Only 225, 448

Reduction of Silver Halide in the Process of
Preparation of Emulsions, by P. V. Meiklyar, I. S.
Rizayeva, Z. P. Ignat'yeva, 6 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 50-57.

CIA/FDD XX-1120
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185, 948

USIB INTERNAL USE ONLY

Photoelectric Sensitivity of an Emulsion Layer as a
Function of Sensitizer Concentration, by L. G. Gross,
6 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 64-70.

CIA/FDD XX-1159
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

May 62

198, 45-2

USIB INTERNAL USE ONLY

Polarographic Study of the Redox Potentials of Developers, by Y. M. Gorokhovakiy, N. M. Ponomareva, 8 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 71-77.

CIA/PDD XX-1156
NOT RELEASABLE TO FOREIGN NATIONALS

Se1

198,457

May 62

USIB INTERNAL USE ONLY

Investigation of the Adsorption of Thiosulfate on Silver Bromide Microcrystals by Means of Labeled Sulfur Atoms, by A. V. Borin, A. F. Bohoyavlenkiy, I. A. Novikov, 29 pp.

RUSSIAN, ser, Trudy NIKFI, Vol XXXVII, 1960, pp 78..94.

CIA/FDD XX-1106
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185, 958

USIB INTERNAL USE ONLY

Deriations From Reciprocity as Functions of Emulsion
 ^pH and ^pBr (E-844), by P. V. Meyklyar, V. M. Shvarts,
Z. V. Kharitonova, 4 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 107-110.

CIA/FID XX-1121
NOT RELEASEABLE TO FOREIGN NATIONALS

Sci

Mar 62

185, 949

USIB INTERNAL USE ONLY

The Influence of Surface Tension-Lowering Substances
on the Photographic Properties of Photosensitive
Layers (E-825), by A. V. Borin, 9 pp.

RUSSIAN, per, Trudy NIKFI, Vol XXXVII, 1960,
pp 117-122.

CIA/FDD XX-1107
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185, 959

USIB INTERNAL USE ONLY

Development of the Apparatus and Method of Measuring
Electrical Resistance of the Cinematographic Film Base
and Its Antistatic Coatings, A. I. Bukin, A. N.
Bol'shakaya, 15 pp.

RUSSIAN. per, Trudy NIKFI, No 37, 1960, pp 123-131.

CIA/PDD XX-1155
NOT RELEASABLE TO FOREIGN NATIONALS

Sc1

198,456

May 62

USIB INTERNAL USE ONLY

On Absorption Spectra in the Emulsion of Polymethine
Dyes Derived From 3,4-Benzquinoline-(2), by E. B.
Lifshits, 11 pp.

RUSSIAN, per, Trudy NIKFI, No 40, 1960, pp 62-69.

CIA/FID XX-1154
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

198, 455

May 62

USIB INTERNAL USE ONLY

On Certain Substances Derived From Benzothiazole
VII. Production of Crystalline 2-Methylbenzothiazole,
by A. F. Vompe, 3 pp.

RUSSIAN, per, Trudy NIKFI, No 40, 1960, pp 119-120.

CIA/FDD XX-1153
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

198, 454

May 62

USIB INTERNAL USE ONLY

Inert Metal Salt Effect on Variation in
Optical Fog Density Kinetics in the Process
of Chemical Maturation of Photographic
Emulsions, by I. M. Ratner, 15 pp.

RUSSIAN, Trudy, NIKFI, No 42, 1961,
pp 44-59.

CIA/FDD XX-1375
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,052

Effect of a Gold or Platinum Salt on the Structure
of a Silver Particale, by I. M. Ratner, 8 pp.

RUSSIAN, per, Trudy NIKFI, No 42, 1961, pp 60-65.

XX
CIA/PDD XX-1376
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

23L, 080

Photoelectric Sensitivity of a Photographic Layer
Vs Prior Exposure to Light, by L. G. Gross, 5 pp.

RUSSIAN, per, Trudy NIKEI, No 46, 1962, pp 46-48.

CIA/FDD XX-1464
No Foreign Dissem

Sci - Physics
Dec 63
USIB Internal Use Only

243,536

The Action of Excess Concentrations of the
Optical Sensitizer on Photographic Properties
and Regression of the Latent Image, by
A. V. Borin, Z. V. Kharitonova, 8 pp.

RUSSIAN, per, Trudy Nauch Issled Kino Foto Inst,
No 46, 1962, pp 96-100.

CIA/FDD XX-1664
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,437

Preservability of Photographic Color Images,
by E. F. Yefremenko, L. N. Vysotskaya, 13 pp.

RUSSIAN, per, Trudy Nauch Issled Kino Foto Inst,
No 47, 1962, pp 57-64.

CIA/FDD XX-15530
NO FOREIGN DISSEM

Sci - ~~Phys~~Biol & Med Sci
May 64

259,053

(FID 20441)

A Study of the Turbulence Coefficient of Air by Means
of Experimental Smoke Ejectors, by Ye. S. Lyapin,
11 pp.

RUSSIAN, irreg per., Trudy Nauchno-Issledovatel'skikh
Uchrezhdenii, Vsesoiuznogo Prisemnogo Slova, Vol I, No 34,
Leningrad, 1946, pp 69-76.

CIA/FID/U-6021

USSR
Scientific - Geophysics

15,652

(FDD 20438)

Some Conclusions From Station Observations of the
Wind Velocity and Air Temperature in the Ground
Layer of Air, by A. A. Sapozhnikov, 33 pp.

RUSSIAN, irreg per, Trudy Nauchno-Issledovatel'skikh
Uchrezhdeniy, Fizika Prizemnogo Sloya, Vol I,
No 25, Leningrad, 1947, pp 68-86.

CIA/FDD/U-5634

USSR

177-564

Sci - Geophysics, microclimate

Mar 54 CTS

11,679

(Soviet)
(PID 20459)

The Arty Expedition of 1945, by D. L. Laykhtman,
S. A. Sapozhnikova, 14 pp.

RUSSIAN, irreg per, Trudy Nauchno-Issledovatel'skikh
Obshcheshdeniy, Fizika Prizemnogo Sloya, Vol I, № 39,
Leningrad, 1947, pp 3-10.

CIA/FDO/U-5685

USSR

Sci - Geophysics, microclimate

11,609

Mar 54 CRS

(FDD 20440)

Soil Air Heat Exchange, by S. A. Sapozhnikova, 16 pp.

RUSSIAN, irreg per, Trudy Nauchno-Issledovatel'skikh
Uchrezhdeniy, Fizika Prizemnogo Sloya, Vol I, No 39,
Leningrad, 1947, pp 77-85.

CIA/FDD/U-5686

USSR

Sci - Geophysics, microclimate

Mar 54 CTS

11,889

TT-63-15687

Lagutin, B. L., ed.
THE PROBLEM OF ICE CROSSINGS: DATA ON.
Investigation of Construction and Maintenance of Air-
dromes on Ice, 1954. Dec 54 [133p] 127 refs ACFEL
ACFEL Trans. 25. Eugene A. Golomshik, tr.
Order from OTS, SLA or ETC \$10.50 TT-63-15687

Trans. of Glavnoe Upravlenie Gidrometeorologicheskikh
Sluzhby. Trudy Nauchno-Issledovatel'skikh Uchre-
zhenii. Seriya S: [Gidrologiya Morya] (USSR) 1946,
v. 20.

Separate entries have been prepared for the individual
articles.

DESCRIPTORS: *Ice, Loading (Mechanics), *Trafficability,
Construction, Maintenance, Data.

(Earth Sciences--Frost, TT, v. 11, no. 2)

I. Lagutin, B. L.
II. Title: Investigation ...
III. ACFEL Trans-25
IV. Arctic Construction and
Frost Effects Lab.,
Corps of Engineers,
Waltham, Mass.
V. PB-117 355 superseded

Office of Technical Services

<p>Shul'man, A. P. and Kazanskii, M. M. THE THEORETICAL AND EXPERIMENTAL BASES FOR THE TABLES OF LOAD CARRYING CAPACITY OF ICE COVERS (Teoreticheskie i Opytne Osnovaniya Tablits Gruzopod'emonostti Ledyanogo Pokrova). Dec 54 [57p] 82refs ACFEL Trans. 25. Order from OTS, SLA or ETC \$10.50 <u>in</u> TT-63-15687 (p. 70-122d)</p> <p>Trans from Glavnoe Upravlenie Gidrometeorologicheskikh Sluzhby. Trudy Nauchno-Issledovatel'skikh Uchrezhdenii. Seriya 5: [Gidrologiya Morya] (USSR) 1946, v. 20. (Abstract available)</p> <p>DESCRIPTORS: *Ice, *Trafficability, Loading (Mechanics), Tables, Experimental data, Theory.</p> <p>Topics include: the theoretical basis for the tables; the influence of the temperature upon the load carrying (Earth Sciences--Frost, TT, v. 11, no. 2) (over)</p>	<p>TT-63-15687 (p. 70-122d)</p> <ol style="list-style-type: none">I. Shul'man, A. P.II. Kazanskii, M. M.III. ACFEL Trans. 25 (p. 70-122d)IV. Arctic Construction and Frost Effects Lab., Corps of Engineers, Waltham, Mass. <p>Office of Technical Services</p>
---	--

Neronov, Yu. N.
THE PROBLEM OF THE VALUE OF TEMPORARY
RESISTANCE OF THAWING SPRING ICE TO BEND-
ING (K Voprosu o Velychine Vremennogo Soprotiv-
leniya na Izgib Vezennego Tayushchego L'da).
Dec 54 [8p] ACFEL Trina. 25.
Order from OTS, SLA or ETC \$10.50 in TT-63-15687
(p. 64-69b)

Trans. from Glavnoc Upravlyente Gidrometeorologi-
cheskie Sluzhby. Trudy Nauchno-Issledovatel'skikh
Uchrezhdenii. Seriya 5: [Geologiya Morya] (USSR)
1946, v. 20.

DESCRIPTORS: *Ice, Melting, Deformation, Loading
(Mechanics), Test equipment, Tests.

(Earth Sciences--Frost, TT, v. 11, no. 2)

TT-63-15687 (p. 64-69b)

- I. Neronov, Yu. N.
- II. ACFEL Trans-25 (p. 64-69b)
- III. Arctic Construction and
Frost Effects Lab.,
Corps of Engineers,
Waltham, Mass.

Office of Technical Services

Lagutin, B. L. and Shul'man, A. P.
METHODS OF CALCULATING THE LOAD CARRYING CAPACITY OF ICE CROSSINGS (O Metodakh Rascheta Ledyanykh Pereprav). Dec 54 [18p] 9refs
ACFEL Trans-25.
Order from OTS, SLA or ETC \$10.50 in TT-63-15687
(p. 46-63)

Trans. from Glavnoe Upravlenie Gidrometeorologicheskikh Sluzhby. Trudy Nauchno-Issledovatel'skikh Uchrezhdenii. Seriya 5: [Gidrologiya Morya] (USSR) 1946, v. 20. (Abstract available)

DESCRIPTORS: *Ice. *Trafficability, Loading (Mechanics), Numerical methods and procedures, Mathematical analysis.

Empirical formulae are not a dependable basis for computation. Furthermore, the universality ascribed to them by their authors is an added defect. The value of (Earth Sciences--Frost, TT, v. 11, no. 2) (over)

TT-63-15687 (p. 46-63)

- I. Lagutin, B. L.
- II. Shul'man, A. P.
- III. ACFEL Trans-25 (p. 46-63)
- IV. Arctic Construction and Frost Effects Lab., Corps of Engineers, Waltham, Mass.

Office of Technical Services